



1600

RAW SEQUENCE LISTING

DATE: 12/11/2003

PATENT APPLICATION: US/09/328,877D

TIME: 12:18:24

Input Set : A:\6142_revised2.seq.txt

Output Set: N:\CRF4\12112003\I328877D.raw

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DEC 23 2003

TECH CENTER 1600/2900

3 <110> APPLICANT: Gurney, Mark E.
 5 Li, Jinhe
 7 Pauley, Adele M.
 9 Pharmacia & Upjohn Company
 13 <120> TITLE OF INVENTION: Human Sel-10 Polypeptides and Polynucleotides that
 15 Encode Them
 19 <130> FILE REFERENCE: 6142
 C--> 23 <140> CURRENT APPLICATION NUMBER: US/09/328,877D
 C--> 25 <141> CURRENT FILING DATE: 1999-06-09
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182 <222> LOCATION: (2506) .. (2506)
183 <223> OTHER INFORMATION: residue uncertain

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321 <213> ORGANISM: Homo sapiens

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341 35 40 45
345 Gly Leu Tyr Cys Gln Arg Leu Pro Ser Ser Arg Thr His Gly Gly Thr
347 50 55 60
351 Glu Ser Leu Lys Gly Lys Asn Thr Glu Asn Met Gly Phe Tyr Gly Thr
353 65 70 75 80
357 Leu Lys Met Ile Phe Tyr Lys Met Lys Arg Lys Leu Asp His Gly Ser
359 85 90 95
363 Glu Val Arg Ser Phe Ser Leu Gly Lys Lys Pro Cys Lys Val Ser Glu
365 100 105 110
369 Tyr Thr Ser Thr Thr Gly Leu Val Pro Cys Ser Ala Thr Pro Thr Thr
371 115 120 125
375 Phe Gly Asp Leu Arg Ala Ala Asn Gly Gln Gly Gln Gln Arg Arg Arg
377 130 135 140
381 Ile Thr Ser Val Gln Pro Thr Gly Leu Gln Glu Trp Leu Lys Met
383 145 150 155 160
387 Phe Gln Ser Trp Ser Gly Pro Glu Lys Leu Ala Leu Asp Glu Leu
389 165 170 175
393 Ile Asp Ser Cys Glu Pro Thr Gln Val Lys His Met Met Gln Val Ile
395 180 185 190
399 Glu Pro Gln Phe Gln Arg Asp Phe Ile Ser Leu Leu Pro Lys Glu Leu
401 195 200 205
405 Ala Leu Tyr Val Leu Ser Phe Leu Glu Pro Lys Asp Leu Leu Gln Ala
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423 Lys Arg Arg Lys Val Ile Lys Pro Gly Phe Ile His Ser Pro Trp Lys
425      260      265      270
429 Ser Ala Tyr Ile Arg Gln His Arg Ile Asp Thr Asn Trp Arg Arg Gly
431      275      280      285
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437      290      295      300
441 Thr Cys Leu Gln Phe Cys Gly Asn Arg Ile Val Ser Gly Ser Asp Asp
443 305      310      315      320
447 Asn Thr Leu Lys Val Trp Ser Ala Val Thr Gly Lys Cys Leu Arg Thr
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455      340      345      350
459 Ile Ile Ile Ser Gly Ser Thr Asp Arg Thr Leu Lys Val Trp Asn Ala
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465 Glu Thr Gly Glu Cys Ile His Thr Leu Tyr Gly His Thr Ser Thr Val
467      370      375      380
471 Arg Cys Met His Leu His Glu Lys Arg Val Val Ser Gly Ser Arg Asp
473 385      390      395      400
477 Ala Thr Leu Arg Val Trp Asp Ile Glu Thr Gly Gln Cys Leu His Val
479      405      410      415
483 Leu Met Gly His Val Ala Ala Val Arg Cys Val Gln Tyr Asp Gly Arg
485      420      425      430
489 Arg Val Val Ser Gly Ala Tyr Asp Phe Met Val Lys Val Trp Asp Pro
491      435      440      445
495 Glu Thr Glu Thr Cys Leu His Thr Leu Gln Gly His Thr Asn Arg Val
497      450      455      460
501 Tyr Ser Leu Gln Phe Asp Gly Ile His Val Val Ser Gly Ser Leu Asp
503 465      470      475      480
507 Thr Ser Ile Arg Val Trp Asp Val Glu Thr Gly Asn Cys Ile His Thr
509      485      490      495
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515      500      505      510
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521      515      520      525
525 Lys Thr Gly Gln Cys Leu Gln Thr Leu Gln Gly Pro Asn Lys His Gln
527      530      535      540
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537 Ser Asp Asp Gly Thr Val Lys Leu Trp Asp Leu Lys Thr Gly Glu Phe
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543 Ile Arg Asn Leu Val Thr Leu Glu Ser Gly Gly Ser Gly Gly Val Val
545      580      585      590
549 Trp Arg Ile Arg Ala Ser Asn Thr Lys Leu Val Cys Ala Val Gly Ser
551      595      600      605
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/328,877D

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Input Set : A:\6142_revised2.seq.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:2; N Pos. 2506,3393

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

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Seq#:3; Line(s) 317,319,321,323,325,327,329,331,333,335,337,339,341,343,345
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Seq#:6; Line(s) 1157,1159,1161,1163,1165,1167,1169,1171,1173,1175,1177,1179
Seq#:6; Line(s) 1181,1183,1185,1187,1189,1191,1193,1195,1197,1199,1201,1203
Seq#:6; Line(s) 1205,1207,1209,1211,1213,1215,1217,1219,1221,1223,1225,1227
Seq#:6; Line(s) 1229,1231,1233,1235,1237,1239,1241,1243,1245,1247,1249,1251

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/328,877D

DATE: 12/11/2003
TIME: 12:18:25

Input Set : A:\6142_revised2.seq.txt
Output Set: N:\CRF4\12112003\I328877D.raw

Seq#:6; Line(s) 1253,1255,1257,1259
Seq#:7; Line(s) 1261,1263,1265,1267,1269,1271,1273,1275,1277,1279,1281,1283
Seq#:7; Line(s) 1285,1287,1289,1291,1293,1295,1297,1299,1301,1303,1305,1307
Seq#:7; Line(s) 1309,1311,1313,1315,1317,1319,1321,1323,1325,1327,1329,1331
Seq#:7; Line(s) 1333,1335,1337,1339,1341,1343,1345,1347,1349,1351,1353,1355
Seq#:7; Line(s) 1357,1359,1361,1363,1365,1367,1369,1371,1373,1375,1377,1379
Seq#:7; Line(s) 1381,1383,1385,1387,1389,1391,1393,1395,1397,1399,1401,1403
Seq#:7; Line(s) 1405,1407,1409,1411,1413,1415,1417,1419,1421,1423,1425,1427
Seq#:7; Line(s) 1429,1431,1433,1435,1437,1439,1441,1443,1445,1447,1449,1451
Seq#:7; Line(s) 1453,1455,1457,1459,1461,1463,1465,1467,1469,1471,1473,1475
Seq#:7; Line(s) 1477
Seq#:8; Line(s) 1479,1481,1483,1485,1487,1489,1491,1493,1495,1497,1499,1501
Seq#:8; Line(s) 1503,1505,1507,1509,1511,1513,1515,1517,1519,1521,1523,1525
Seq#:8; Line(s) 1527,1529,1531,1533,1535,1537,1539,1541,1543,1545,1547,1549

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/328,877D

DATE: 12/11/2003

TIME: 12:18:25

Input Set : A:\6142_revised2.seq.txt

Output Set: N:\CRF4\12112003\I328877D.raw

L:23 M:270 C: Current Application Number differs, Replaced Current Application Number
L:25 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2460
M:341 Repeated in SeqNo=1
L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2460
M:341 Repeated in SeqNo=2